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FIG. 1A
GAP FORMATION

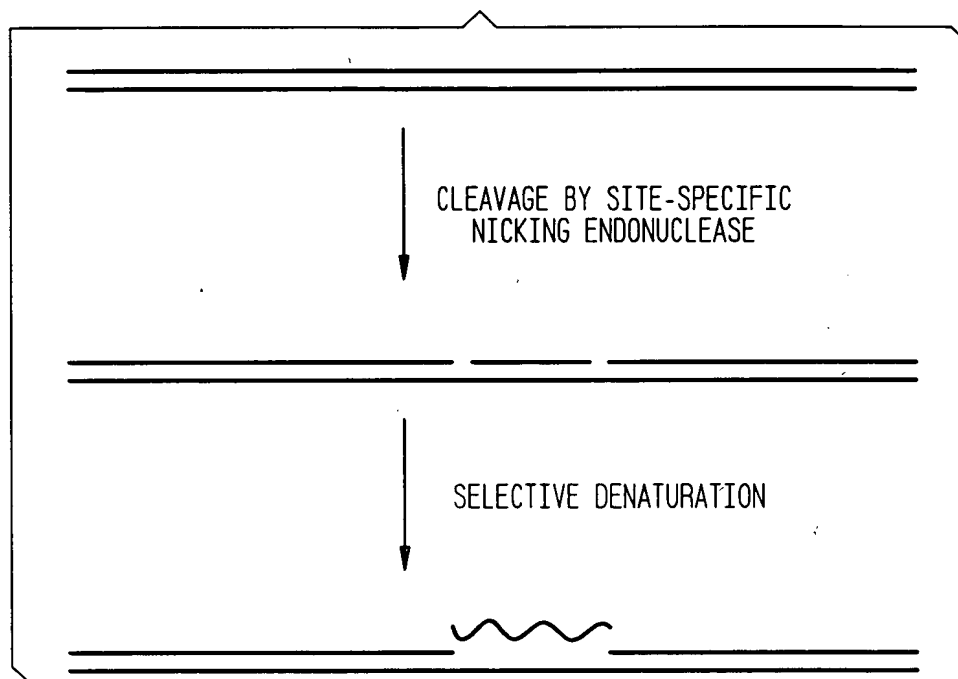
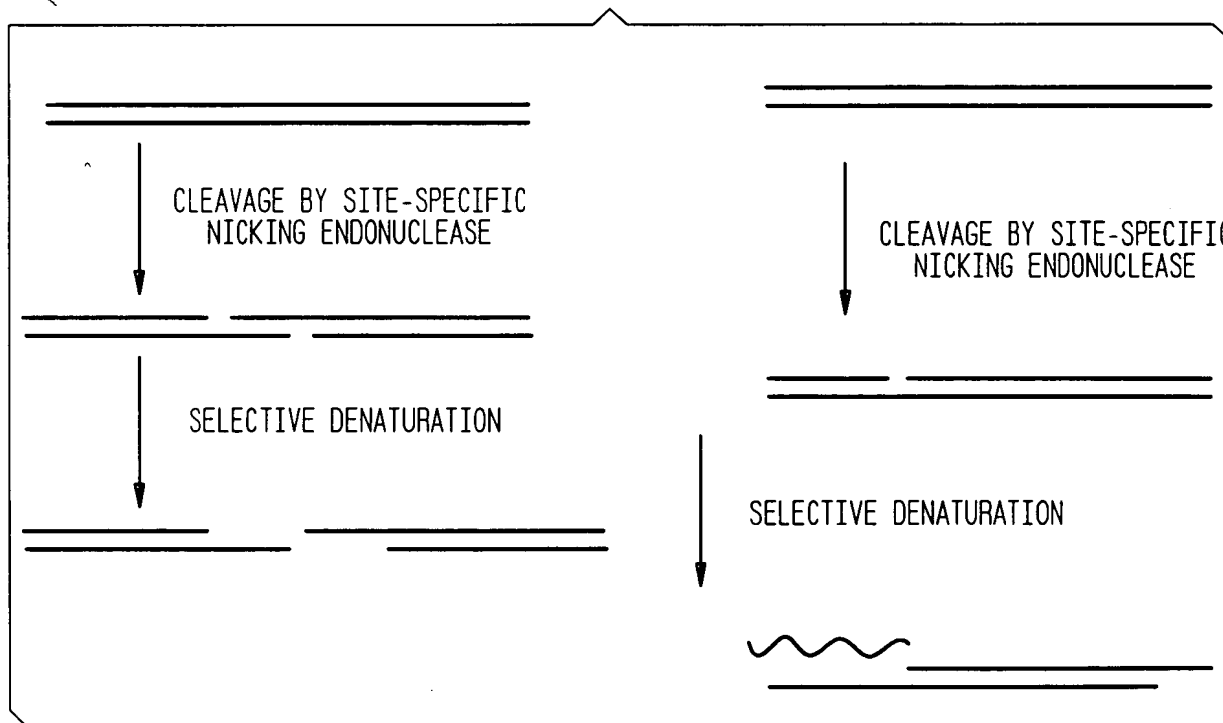
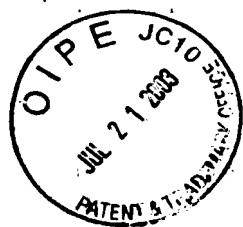


FIG. 1B
COHESIVE TERMINI FORMATION





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FIG. 2A
CREATION OF 5' COHESIVE ENDS

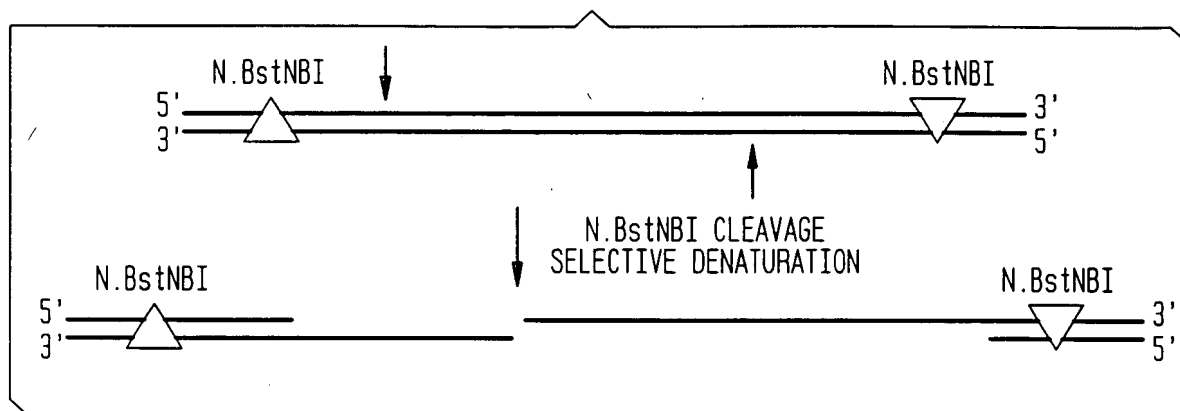


FIG. 2B
CREATION OF 3' COHESIVE ENDS

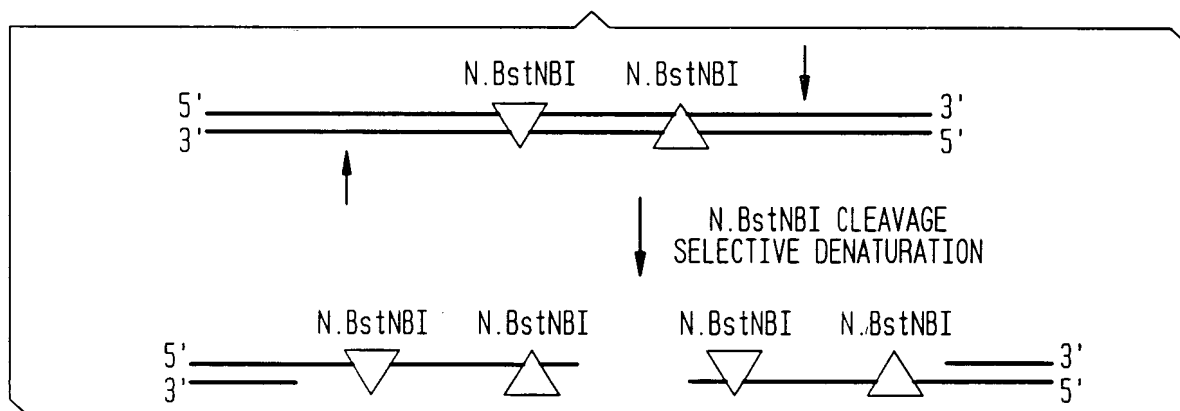
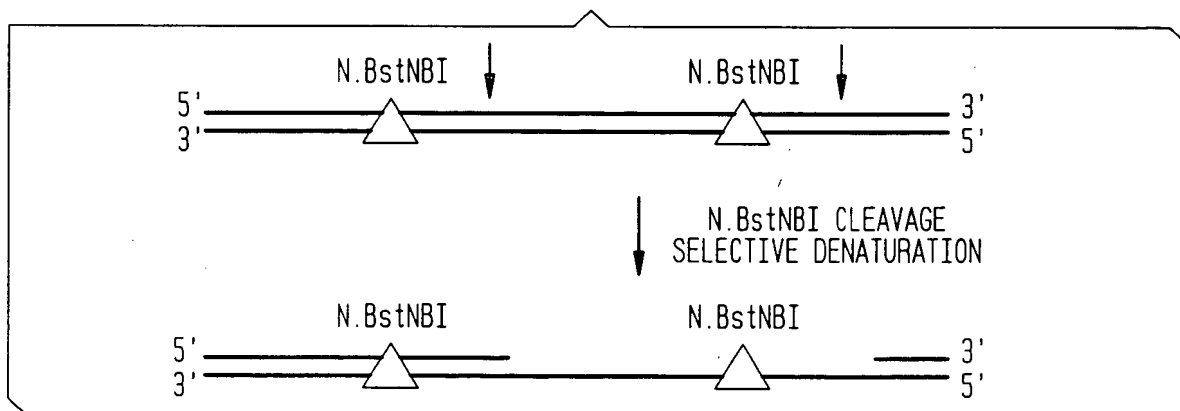
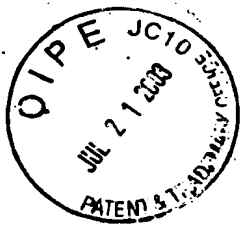


FIG. 2C
GAP CREATION





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FIG. 3A
DETECTION

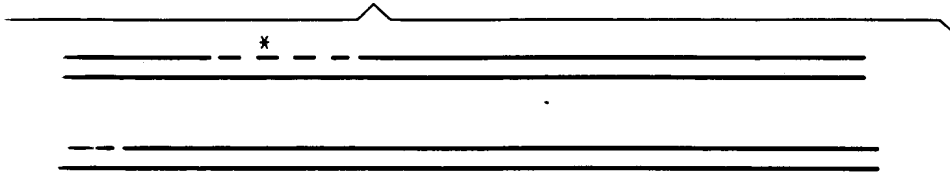


FIG. 3B
ASSEMBLY

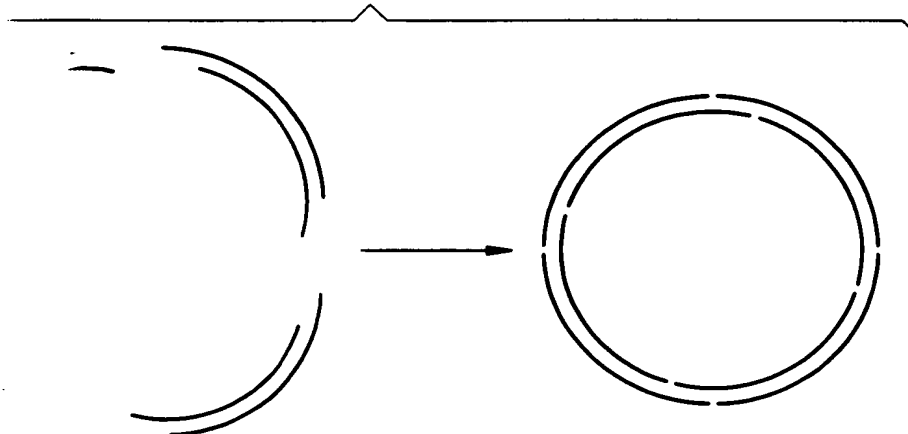


FIG. 3C
BRANCHED STRUCTURES

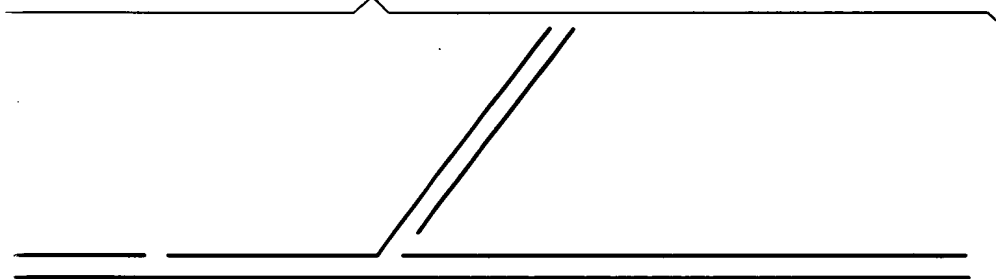
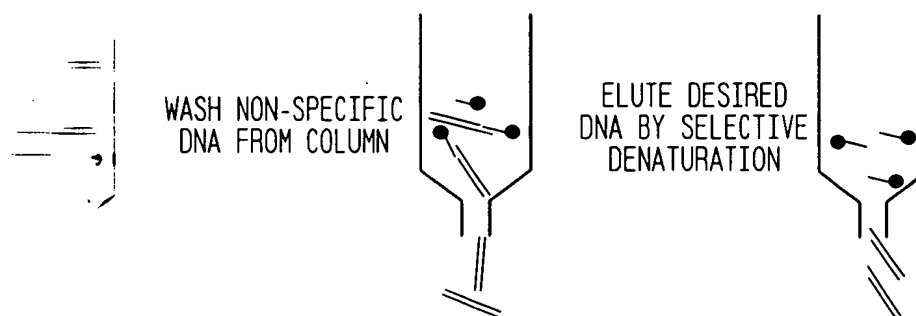
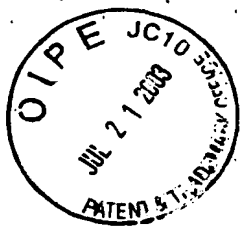


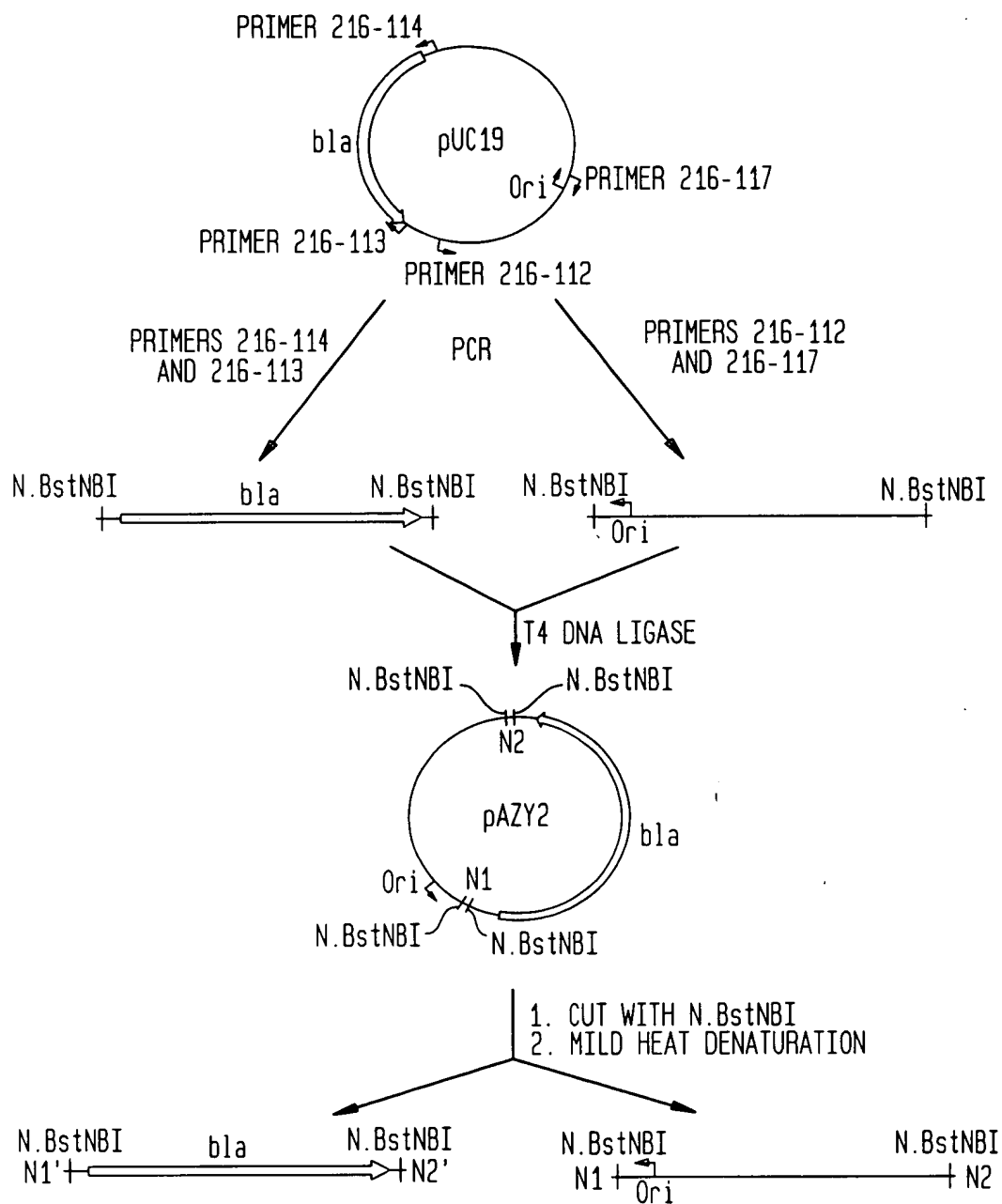
FIG. 3D
PURIFICATION



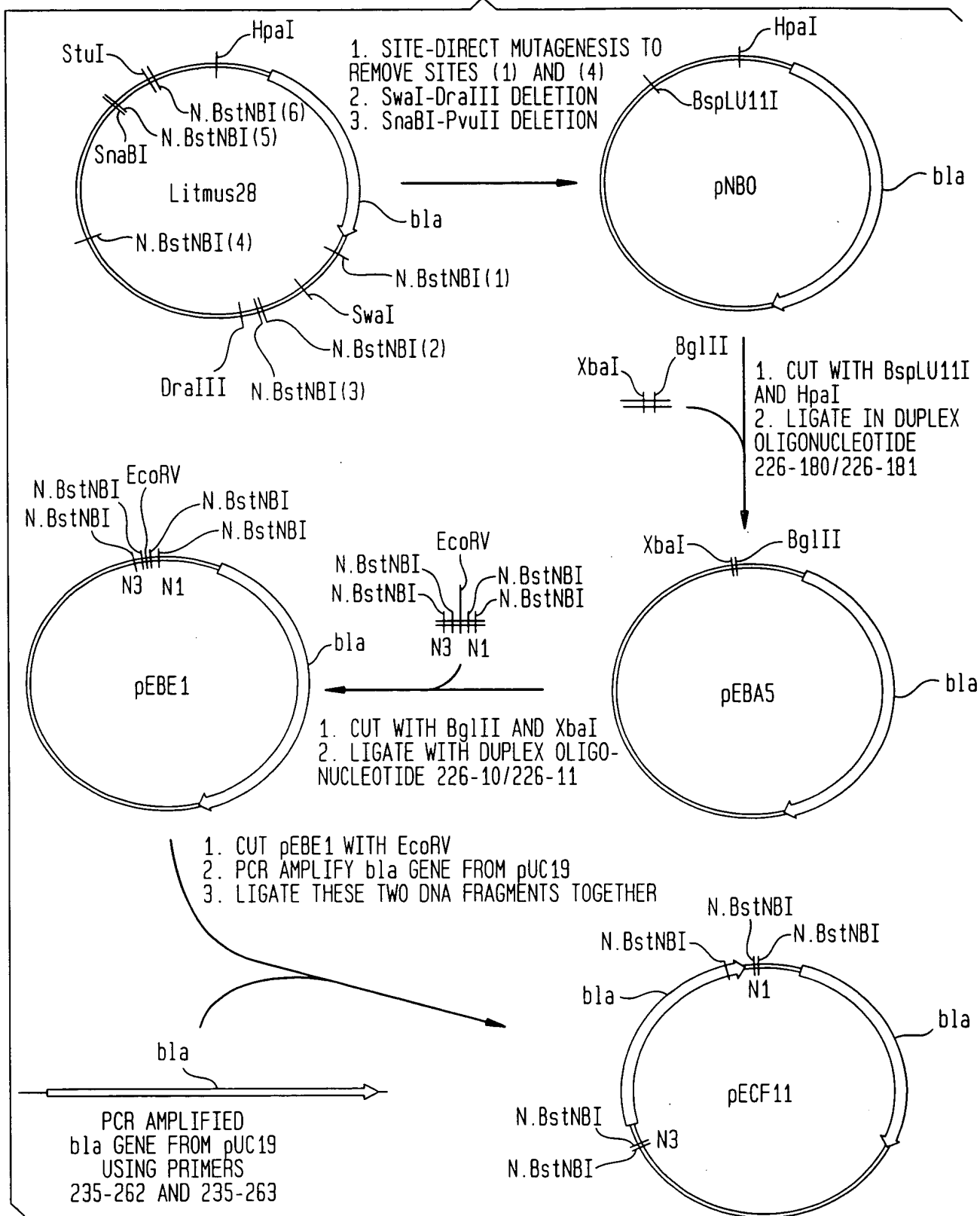


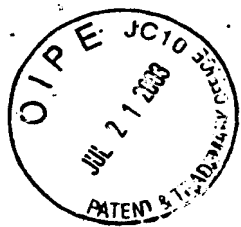
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FIG. 4



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FIG. 5





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FIG. 6

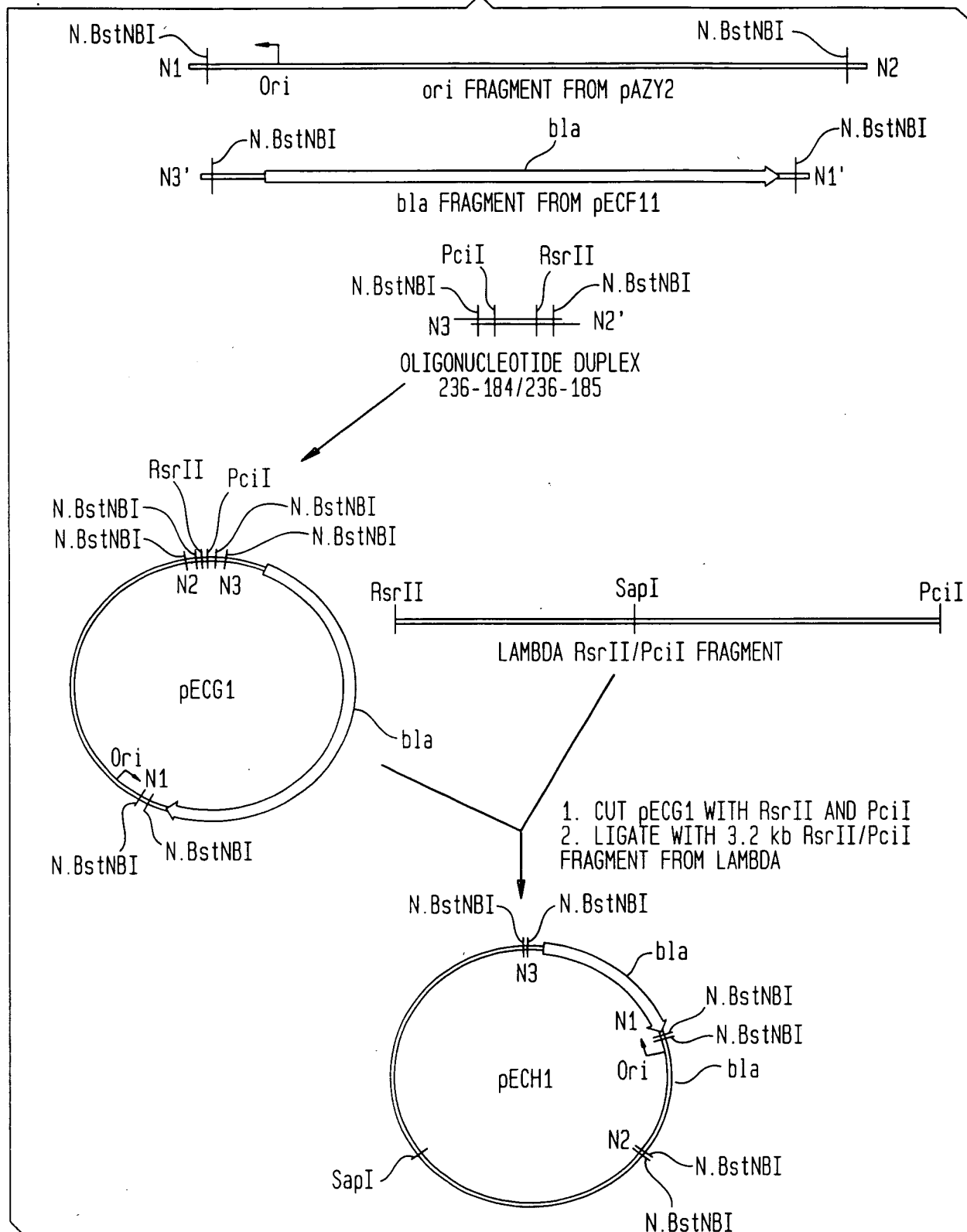


FIG. 7

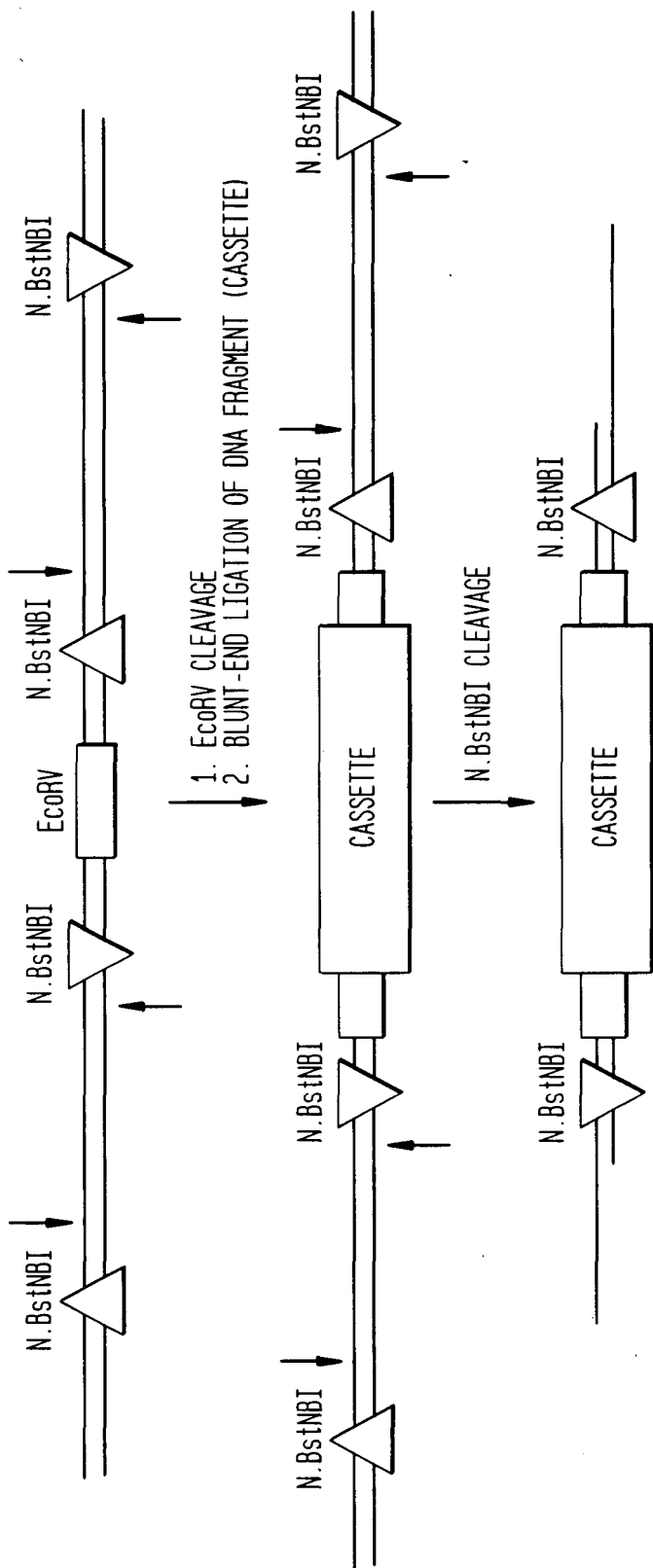
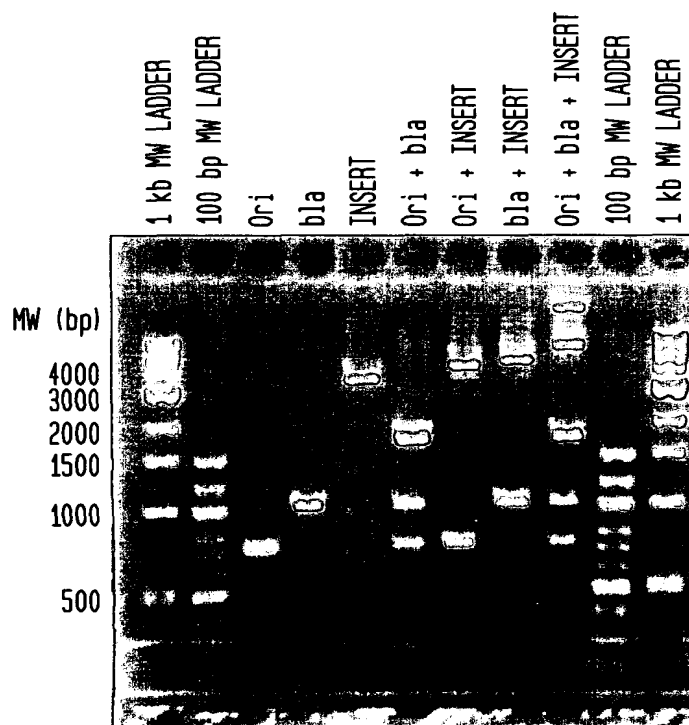
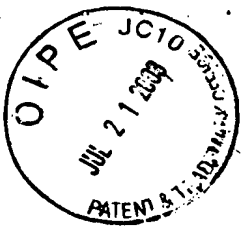


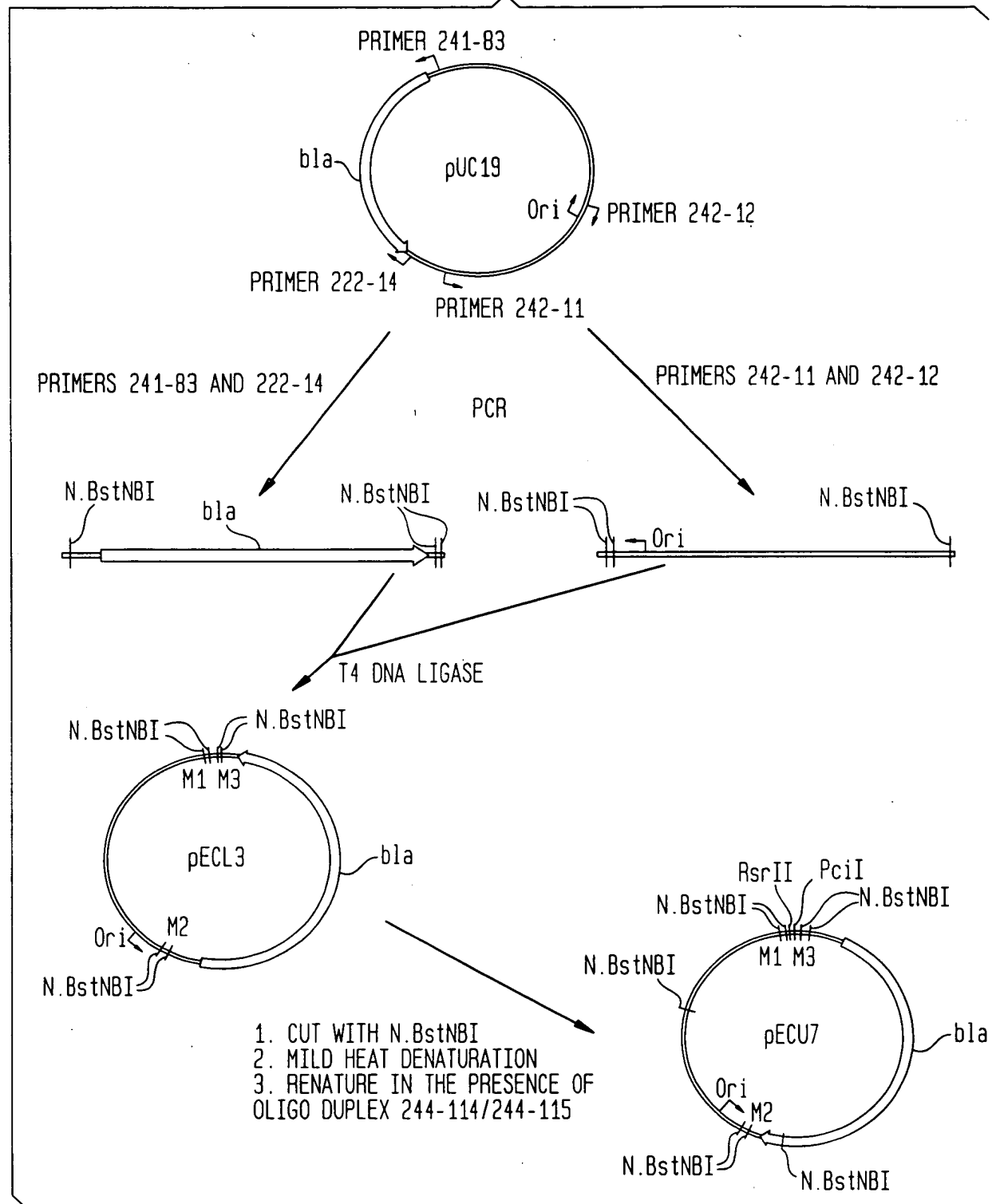
FIG. 8





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FIG. 9



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FIG. 10

